American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 70 For Week Ended December 22, 1989 NO. 51

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 12/22/89	Last Week Ending: 12/15/89	Last Year Week Ending: 12/23/88	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	14,004	13,901	13,321	103	683
Operable capacity	15,591	15,591	15,922	0	-331
Percent operated	89.8	89.2	83.7		
Motor Gasoline					
Total motor gasoline production	6,945	7,168	7,359	-223	-414
Finished leaded motor gasoline production	481	509	1,235	-28	-754
Finished unleaded motor gasoline production	6,464	6,659	6,124	-195	340
Total motor gasoline stocks	221,720	226,502	222,000	-4,782	-280
Finished leaded motor gasoline stocks	18,297	18,389	39,407	-92	-21,110
Finished unleaded motor gasoline stocks	166,090	170,056	144,093	-3,966	21,997
Jet Fuel Kerosine					
Jet fuel kerosine production	1,260	1,329	1,197	-69	63
Jet fuel kerosine stocks	40,081	44,136	36,917	-4,055	3,164
Distillate Fuel Oil					
Distillate fuel oil production	3,498	3,385	3,180	113	318
Distillate fuel oil stocks	112,186	116,162	125,371	-3,976	-13,185
Residual Fuel Oil					
Residual fuel oil production	1,239	1,184	1,026	55	213
Residual fuel oil stocks	46,312	49,170	44,216	-2,858	2,096
Imports					
Crude oil imports	5,950	6,432	4,851	-482	1,099
Product imports	1,804	2,241	2,827	-437	-1,023
Crude Oil Stocks					
Crude oil stocks	343,509	347,780	337,154	-4,271	6,355
Crude Supply Balance	-98				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,385	1,222	1,255	1,325	94.7
Appal. No. 1	115	105	107	124	86.3
DISTRICT 1 TOTAL	1,500	1,327	1,362	1,449	94.0
Ind., Ill., Ky.	2,114	1,987	1,987	2,198	90.4
Minn., Wisc., Daks.	327	326	327	337	97.0
Okla., Kans., Mo.	714	641	664	730	91.0
DISTRICT 2 TOTAL	3,155	2,954	2,978	3,265	91.2
Inland Texas	593	537	543	555	97.8
Texas Gulf Coast	3,493	3,147	3,156	3,477	90.8
La. Gulf Coast	2,645	2,537	2,571	2,938	87.5
N. La. and Ark.	174	164	171	247	69.2
New Mexico	79	75	75	76	98.7
DISTRICT 3 TOTAL	6,984	6,460	6,516	7,293	89.3
DISTRICT 4 TOTAL	475	468	474	546	86.8
DISTRICT 5 TOTAL	2,673	2,613	2,674	3,038	88.0
TOTAL U.S.	14,787	13,822	14,004	15,591	89.8
TOTAL U.S. Weeks Ended:					
DEC. 15, 1989	15,045	13,726	13,901	15,591	89.2
DEC. 23, 1988	14,417	13,259	13,321	15,922	83.7
DISTRICTS 1-4 Weeks Ended:					
DEC. 22, 1989	12,114	11,209	11,330	12,553	90.3
DEC. 15, 1989	12,267	11,153	11,239	12,553	89.5
DEC. 23, 1988	11,688	10,591	10,607	12,691	83.6

API WEEKLY STATISTICAL BULLETIN

Week Ended December 22, 1989

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	628	6	622	11	75	389	230
Appal. No. 1	42	3	39	--	--	40	3
DISTRICT 1 TOTAL	670	9	661	11	75	429	233
Ind., Ill., Ky.	1,234	12	1,222	3	114	521	64
Minn., Wisc., Daks.	185	18	167	--	18	86	9
Okla., Kans., Mo.	372	58	314	15	42	177	11
DISTRICT 2 TOTAL	1,791	88	1,703	18	174	784	84
Inland Texas	322	38	284	29	40	147	17
Texas Gulf Coast	1,556	20	1,536	57	280	815	283
La. Gulf Coast	1,093	35	1,058	37	292	666	155
N. La. and Ark.	63	--	63	7	--	58	15
New Mexico	43	14	29	10	3	23	1
DISTRICT 3 TOTAL	3,077	107	2,970	140	615	1,709	471
DISTRICT 4 TOTAL	239	63	176	15	29	131	10
DISTRICT 5 TOTAL	1,168*	214	954*	55	367	445	441
TOTAL U.S.	6,945	481	6,464	239	1,260	3,498	1,239
TOTAL U.S. Weeks Ended:							
DEC. 15, 1989	7,168*	509	6,659*	258	1,329	3,385	1,184
DEC. 23, 1988	7,359	1,235	6,124	226	1,197	3,180	1,026
DISTRICTS 1-4 Weeks Ended:							
DEC. 22, 1989	5,777	267	5,510	184	893	3,053	798
DEC. 15, 1989	5,908	287	5,621	202	983	2,937	761
DEC. 23, 1988	6,079	924	5,155	169	837	2,726	644

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

*See Revisions on Page 7.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,161	3	4,157	1	52	367	3,931	670	--
Central Atlantic	28,108	81	23,509	4,518	654	4,428	21,372	17,626	11,747
Lower Atlantic	29,925	1,019	28,623	283	390	4,377	15,215	2,636	563
DISTRICT 1 TOTAL	62,194	1,103	56,289	4,802	1,096	9,172	40,518	20,932	12,310
DISTRICT 2 TOTAL	59,571*	6,497	45,561*	7,513	1,025	8,107	29,912*	3,096	16,826
DISTRICT 3 TOTAL	62,494	2,685	44,338	15,471	2,077	14,912	27,599	13,042	51,202
DISTRICT 4 TOTAL	7,470	2,003	3,371	2,096	342	789	2,997	454	2,392
DISTRICT 5 TOTAL	29,991	6,009	16,531	7,451	1,406	7,101	11,160	8,788	22,035
TOTAL U.S.	221,720	18,297	166,090	37,333	5,946	40,081	112,186	46,312	104,765
TOTAL U.S. Weeks Ended:									
DEC. 15, 1989	226,502*	18,389	170,056*	38,057	6,181	44,136	116,162*	49,170	108,202
DEC. 23, 1988	222,000	39,407	144,093	38,500	6,500	36,917	125,371	44,216	103,910
DISTRICTS 1-4 Weeks Ended:									
DEC. 22, 1989	191,729	12,288	149,559	29,882	4,540	32,980	101,026	37,524	82,730
DEC. 15, 1989	196,154*	12,609	153,118*	30,427	4,753	36,740	104,725*	40,047	86,101
DEC. 23, 1988	190,821	32,908	128,003	29,910	4,525	29,521	112,245	36,264	79,673

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.
[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

WEEKLY STATISTICAL BULLETIN
Week Ended December 22, 1989

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1989	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average		Daily Average		
DISTRICTS 1-4 TOTAL					
DEC. 22, 1989	4,549.0	4,696.0	5,600	648	257,565
DEC. 15, 1989	4,549.0	--	6,048*	669	259,787
DEC. 8, 1989	4,549.0	--	5,499	679	262,796
DEC. 1, 1989	4,541.0	--	6,548	675	266,851
DISTRICT 5 TOTAL					
DEC. 22, 1989	2,951.0	2,733.0	350	44	85,944 #
DEC. 15, 1989	2,951.0	--	384*	15	87,993
DEC. 8, 1989	2,951.0	--	200	9	80,867
DEC. 1, 1989	2,939.0	--	179	22	85,045
TOTAL U.S.					
DEC. 22, 1989	7,500.0	7,429.0	5,950	692	343,509 #
DEC. 15, 1989	7,500.0	--	6,432*	684	347,780
DEC. 8, 1989	7,500.0	--	5,699	688	343,663
DEC. 1, 1989	7,480.0	--	6,727	697	351,896
DEC. 23, 1988	7,942.0 a/	--	4,851	644	337,154

*INCLUDES 20,396 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for December 1988.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1988 Averages Absolute	1988 Averages Positive	1988 Averages Negative
DEC. 22, 1989	-98	445	472	-372

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
DEC. 22, 1989	12,646	71,493	161,407	12,019	257,565	85,944 #	343,509 #
DEC. 15, 1989	13,453	71,550	162,797	11,987	259,787	87,993	347,780
DEC. 23, 1988	15,444	70,885	157,926	11,827	256,082	81,072	337,154

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	45*	--	45*	--	--	--	195	3	7	--	--	250*
Central Atlantic	271	--	271	7	--	35	135	263	7	145	3	866
Lower Atlantic	32	--	32	--	--	21	47	89	--	--	4	193
DISTRICT 1 TOTAL												
DEC. 22, 1989	348	--	348	7	--	56	377	355	14	145	7	1,309
DEC. 15, 1989	340*	21	319*	89	--	112	337	619	26	45	117	1,685*
DEC. 8, 1989	366	--	366	91	--	37	151	443	87	154	61	1,390
DEC. 1, 1989	406	--	406	11	--	126	409	396	6	111	25	1,490
DISTRICTS 2-4 TOTAL												
DEC. 22, 1989	10	--	10	3	3	28	19	10	160	205	2	440
DEC. 15, 1989	7	--	7	34	3	80	18	19	173	98	75	507
DEC. 8, 1989	7	--	7	6	3	13	10	29	215	144	95	522
DEC. 1, 1989	8	--	8	--	--	46	30	12	122	168	126	512
DISTRICT 5 TOTAL												
DEC. 22, 1989	20	--	20	3	--	6	6	5	12	3	--	55
DEC. 15, 1989	14	--	14	--	--	10	5	10	8	2	--	49
DEC. 8, 1989	14	--	14	7	--	2	3	8	2	1	2	39
DEC. 1, 1989	17	--	17	--	--	9	10	6	6	4	--	52
TOTAL U.S.	378	--	378	13	3	90	402	370	186	353	9	1,804
TOTAL U.S. Weeks Ended:												
DEC. 15, 1989	361*	21	340*	123	3	202	360	648	207	145	192	2,241*
DEC. 8, 1989	387	--	387	104	3	52	164	480	304	299	158	1,951
DEC. 1, 1989	431	--	431	11	--	181	449	414	134	283	151	2,054
DEC. 23, 1988	389	--	389	37	3	101	326	1,301	147	195	328	2,827

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

API STATISTICAL BULLETIN
WEEK ENDED: DEC. 22, 1989

REVISIONS

12/08/89	PAGE 2	TOTAL MGAS	DISTRICT 5 TOTAL	1,368
			TOTAL U.S.	7,310
		UNLEADED MGAS	DISTRICT 5 TOTAL	1,108
			TOTAL U.S.	6,762
12/15/89	PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	60,627
			TOTAL U.S.	226,502
			DISTRICTS 1-4	196,154
		UNLEADED MGAS	DISTRICT 2 TOTAL	46,047
			TOTAL U.S.	170,056
			DISTRICTS 1-4	153,118
		DISTILLATE FUEL	DISTRICT 2 TOTAL	29,541
			TOTAL U.S.	116,162
			DISTRICTS 1-4	104,725
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	6,048
			DISTRICT 5 TOTAL	384
			TOTAL U.S.	6,432
	PAGE 5	TOTAL MGAS	NEW ENGLAND	102
			DISTRICT 1 TOTAL	340
			TOTAL U.S.	361
		UNLEADED MGAS	NEW ENGLAND	102
			DISTRICT 1 TOTAL	319
			TOTAL U.S.	340
		TOTAL	NEW ENGLAND	331
			DISTRICT 1 TOTAL	1,685
			TOTAL U.S.	2,241